

44. (New) The method of claim 42, wherein the step of programming the programmable components is performed following final assembly of the components in the system.

45. (New) The method of claim 42, wherein the step of assembling the system includes coupling the programmable components to a data network in the system for accessing data from each programmable component.

46. (New) The method of claim 45, wherein the programmable components are programmed via the data network.

REMARKS

Reconsideration of the application as amended is respectfully requested. The Examiner has restricted examination of claims 1-33 in this application. Specifically, the Examiner restricted claims 1-11 and 20-25 to Group I as being drawn to a method for selling engineered electrical systems, and the Examiner restricted claims 12-19 and 26-33 to Group II as being drawn to a method for integrated design, sales and manufacturing of electrical systems. However, Applicants respectfully assert that Group I, as defined by the Examiner, should include claims 31-33. Applicants believe the Examiner will agree and election has been made on this basis.

Although Applicants do not necessarily agree with the Examiner's reasons for restriction, Applicants elect to prosecute claims 1-11, 20-25, and 30-33 of Group I, as properly defined (see above). Therefore, Applicants have canceled claims 12-19 and 26-30 without prejudice for possible inclusion in a divisional application.

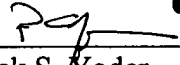
By the present response, claims 2 and 31 have been formally amended to correct typographical errors. New claims 34-36, which fall within Examiner's designated definition of Group I have been added. These new claims include two independent

claims and eleven dependent claims. Because two independent claims and eleven dependent claims have been canceled without prejudice, the addition of an equivalent amount of new independent and dependent claims requires no additional fee.

If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Date: 2/21/2002

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

The claims have been amended as follows:

2. (Amended) The method of claim 1, comprising the further step of designing the electrical system including the plurality of programmable devices;

31. (Amended) An integrated system for generating sales proposals for and programming a motor control center including a plurality of programmable electrical components, the system comprising:

a database including data representative of programmable electrical components comprising the motor control center, a function of the components in the motor control center, and a physical location of the components in the motor control center;

a sales proposal module for facilitating generation of a sales proposal based upon the database; and

a component programming module adapted to access data from the database and to download the data into each programmable component.

Please add the following new claims:

34. (New) A method for selling engineered electrical systems, the method comprising the steps of:

generating a database for an electrical system comprising a plurality of programmable devices, the database including device designation data, the device designation data including data representative of a physical location of a device in the system;

soliciting an order for the system;

assembling the system including the plurality of programmable devices; and
configuring memory objects within the devices based upon the database.

35. (New) The method of claim 34, wherein the device designation data includes
data representative of a function of a device in the system.

36. (New) The method of claim 34, wherein the step of soliciting the order
includes computing price data based upon the database.

37. (New) The method of claim 34, comprising the further step of storing the
database in a computer coupled to the system.

38. (New) The method of claim 34, wherein the system includes a plurality of
subassemblies, at least a portion of the subassemblies including at least one programmable
device, and wherein the memory objects of the programmable devices are configured after
arrangement of the devices in the subassemblies.

39. (New) The method of claim 38, wherein the memory objects of the
programmable devices are configured prior to arrangement of the subassemblies in the
system.

40. (New) The method of claim 38, wherein the memory objects of the
programmable devices are configured after arrangement of the subassemblies in the system.

41. (New) The method of claim 38, comprising the further step of designing the
electrical system including the plurality of programmable devices.

42. (New) A method for coordinating sales and manufacturing of electrical
systems, the method comprising the steps of:

generating a system design database including data representative of programmable components and component layout for an electrical system, the programmable components being programmed by downloading a portion of the database into each programmable component;

soliciting a sale of the system based upon the system design;

assembling the system components in accordance with the component layout; and
programming the programmable components based upon the database.

43. (New) The method of claim 42, wherein the portion of the database includes data representative of a physical location of each programmable component in the system in accordance with the layout.

44. (New) The method of claim 42, wherein the step of programming the programmable components is performed following final assembly of the components in the system.

45. (New) The method of claim 42, wherein the step of assembling the system includes coupling the programmable components to a data network in the system for accessing data from each programmable component.

46. (New) The method of claim 45, wherein the programmable components are programmed via the data network.